

Laucks ⁸¹ years

Testing Laboratories, Inc.

940 South Harney St., Seattle, WA 98108 (206) 767-5060 FAX 767-5063



Certificate

Chemistry, Microbiology, and Technical Services

CLIENT: Alaskan Copper Works
P.O. Box 3546
Seattle, WA 98124
ATTN: Raphael Acholonu

LABORATORY NO. 18121

DATE: Sep. 19, 1989

PO #M11285

REPORT ON: MATERIAL

SAMPLE

IDENTIFICATION: Submitted 8/17/89 and identified as shown:

Plasma 8-17-3317-M11285
*ELECTRO
PLATED
SLUDGE SCRAPINGS*

Material was analyzed for the purpose of determining its composition with results as follow:

Moisture -----	86%
Ash (ignition residue) -----	12%
Organic Matter, by difference -----	2%
Water Soluble Matter -----	trace
Chloride -----	none detected
Sulfate -----	none detected
Carbonates -----	none detected



This report is submitted for the exclusive use of the person, partnership, or corporation to whom it is addressed. Subsequent use of the name of this company or any member of its staff in connection with the advertising or sale of any product or process will be granted only on contract. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

AKC-0015090

Laucks ⁸¹ years

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FILE

Certificate

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Alaskan Copper

LABORATORY NO. 18121

Semiquantitative Spectrographic Analysis on Ash

	<u>%</u>
Manganese	45.
Magnesium	6.8
Iron	1.9
Nickel	1.6
Copper	1.6
Chromium	0.037
Aluminum	0.70
Silicon	0.38
Molybdenum	0.092
Zinc	0.34
Cobalt	0.044
Calcium	1.3
Other	Nil

Respectfully submitted,

Laucks Testing Laboratories, Inc.

J. M. Owens
J. M. Owens

JMO:veg



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AKC-0015091

Raphael



Laucks ⁸¹ _{RUUS}

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940 South Harney St., Seattle, Washington 98108 (206) 767-5060 FAX 767-5063

Invoice

Chemistry, Microbiology, and Technical Services

Alaskan Copper Works
ATTN: Raphael
P.O. Box 3546
Seattle, WA 98124

INVOICE NO. 18121

DATE: Sep. 15, 1989

PO #M11285

For Analysis of MATERIAL ----- \$150.00

Net 30 Days

The sole liability of these laboratories for these services, including claims for negligence, strict liability in tort or warranty, shall not exceed the amount of this invoice. Samples may be discarded after analysis unless otherwise requested.

Fed. Empl. ID No. 91-0580763



AKC-0015092